

Fig. 1

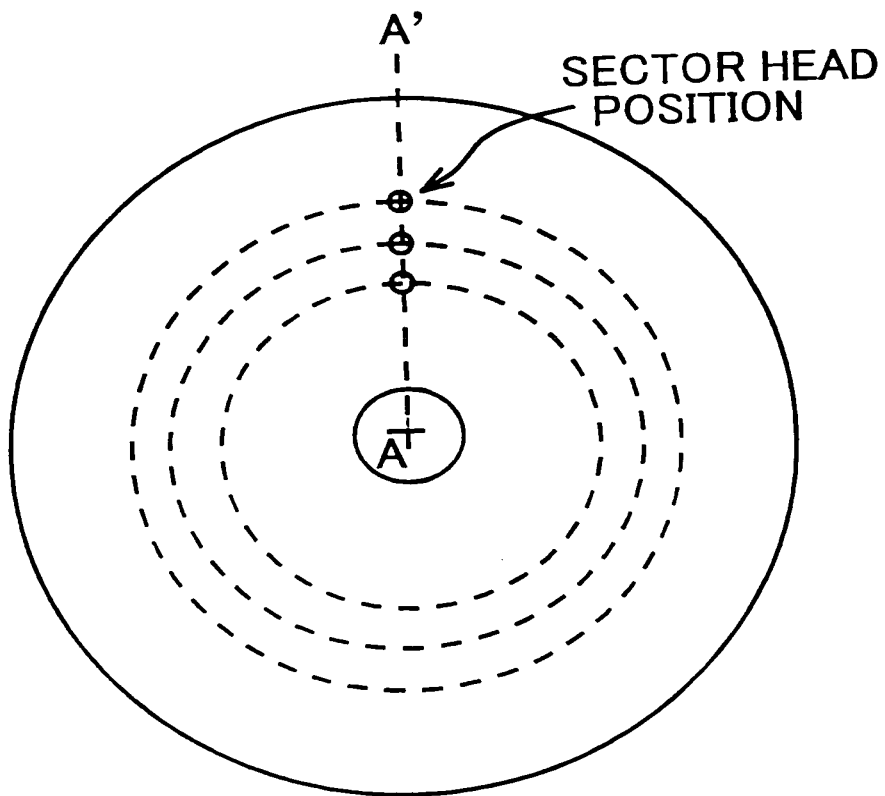
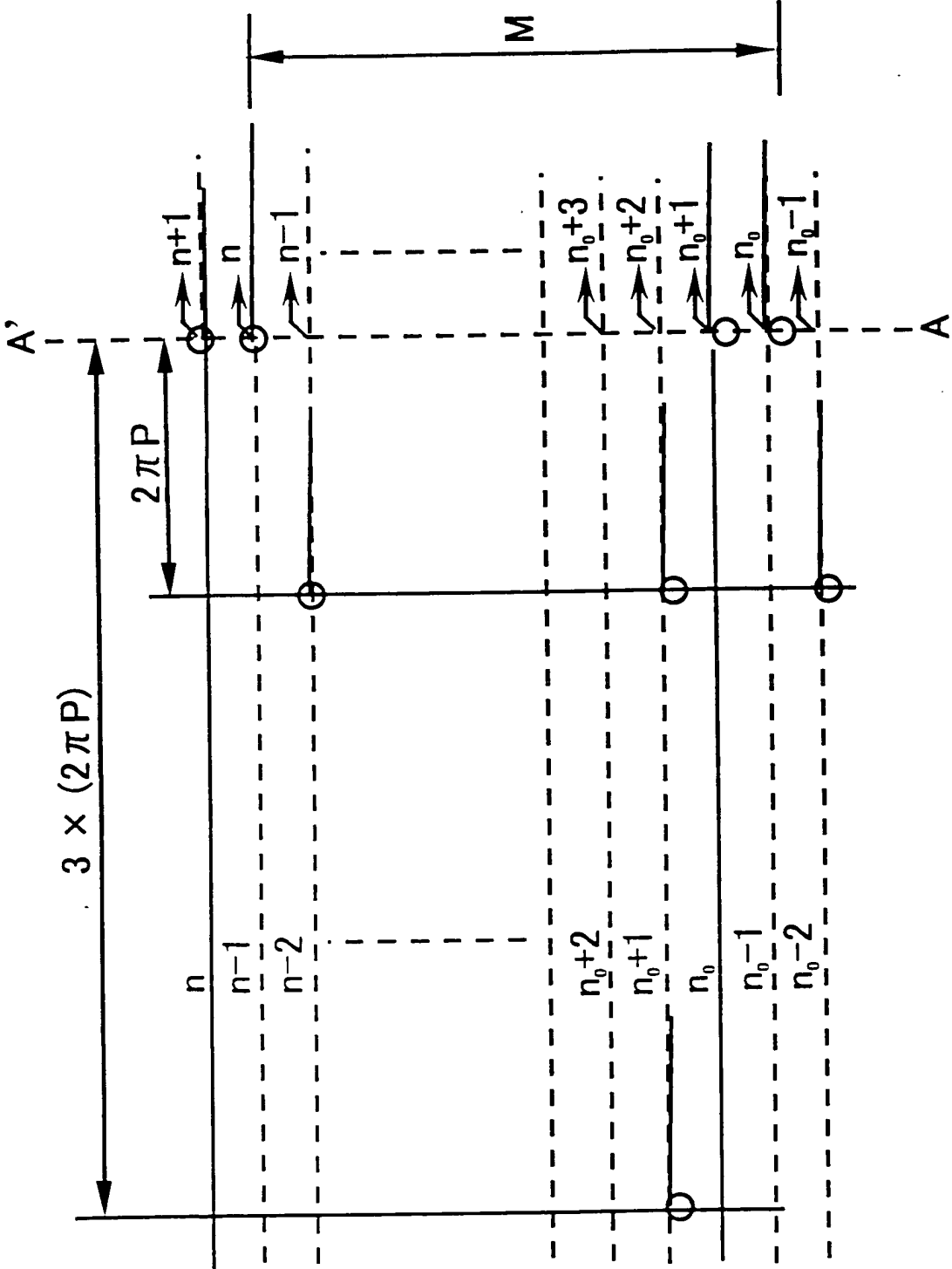


Fig. 2



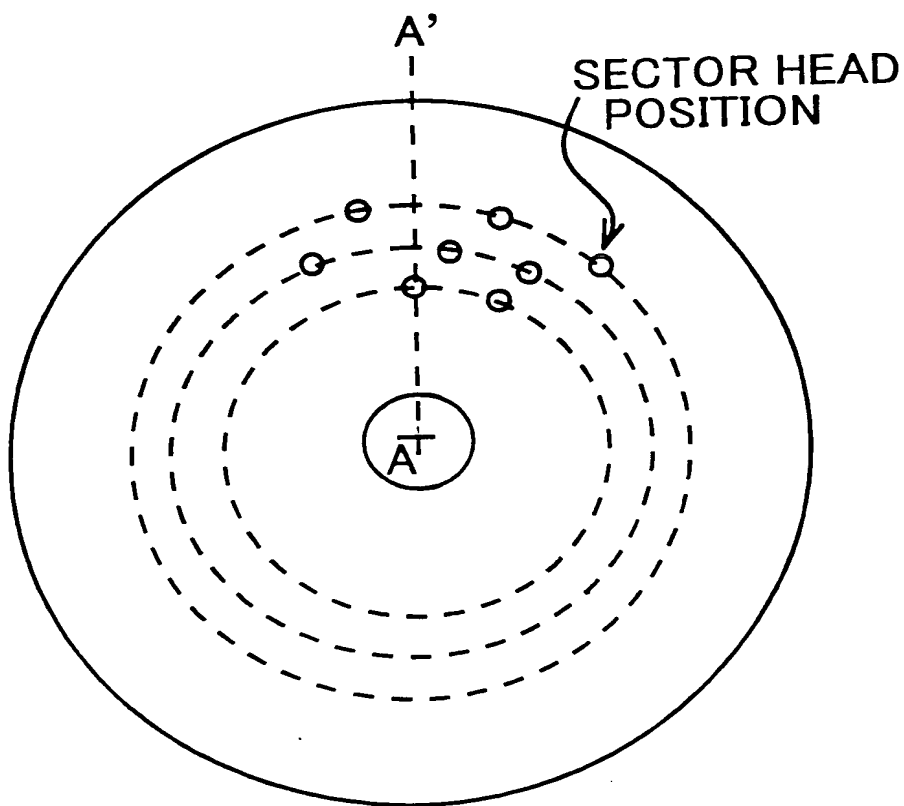
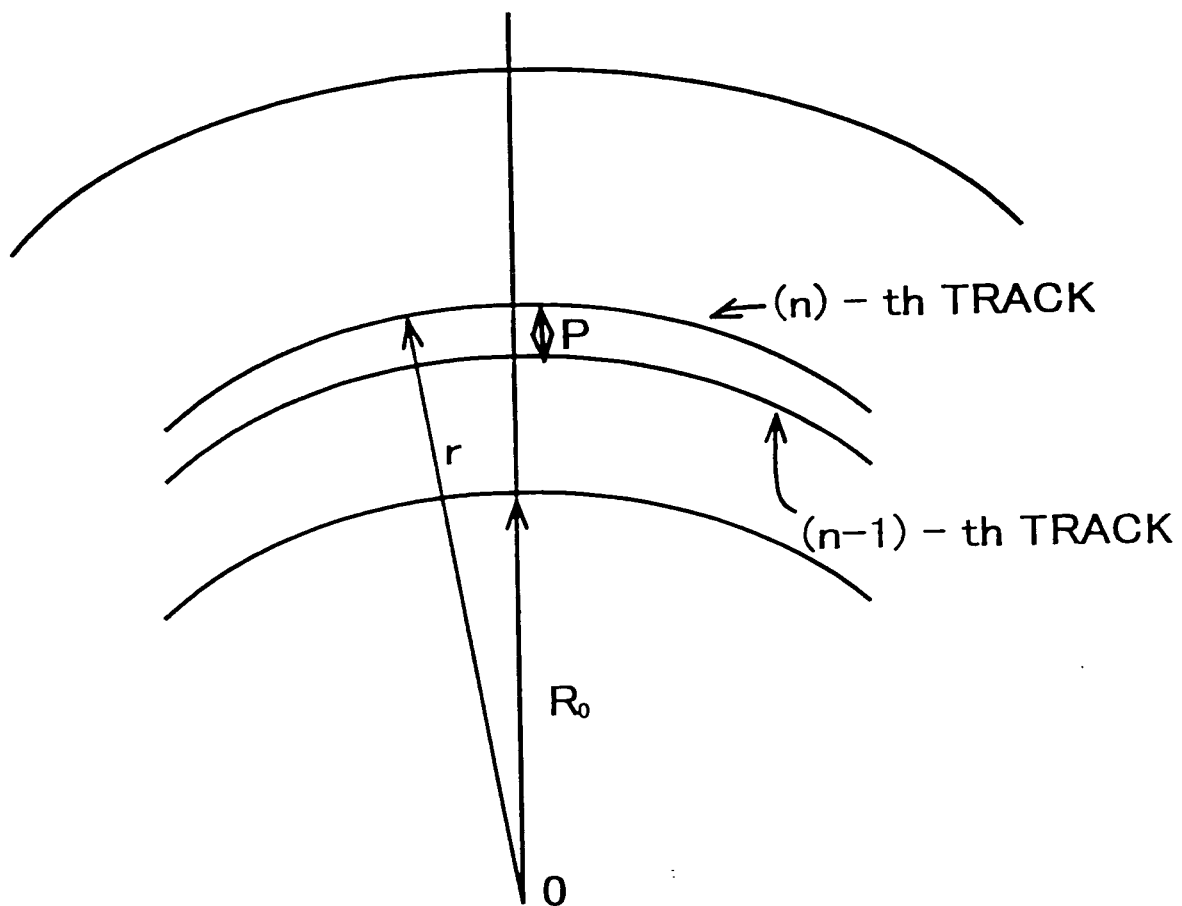
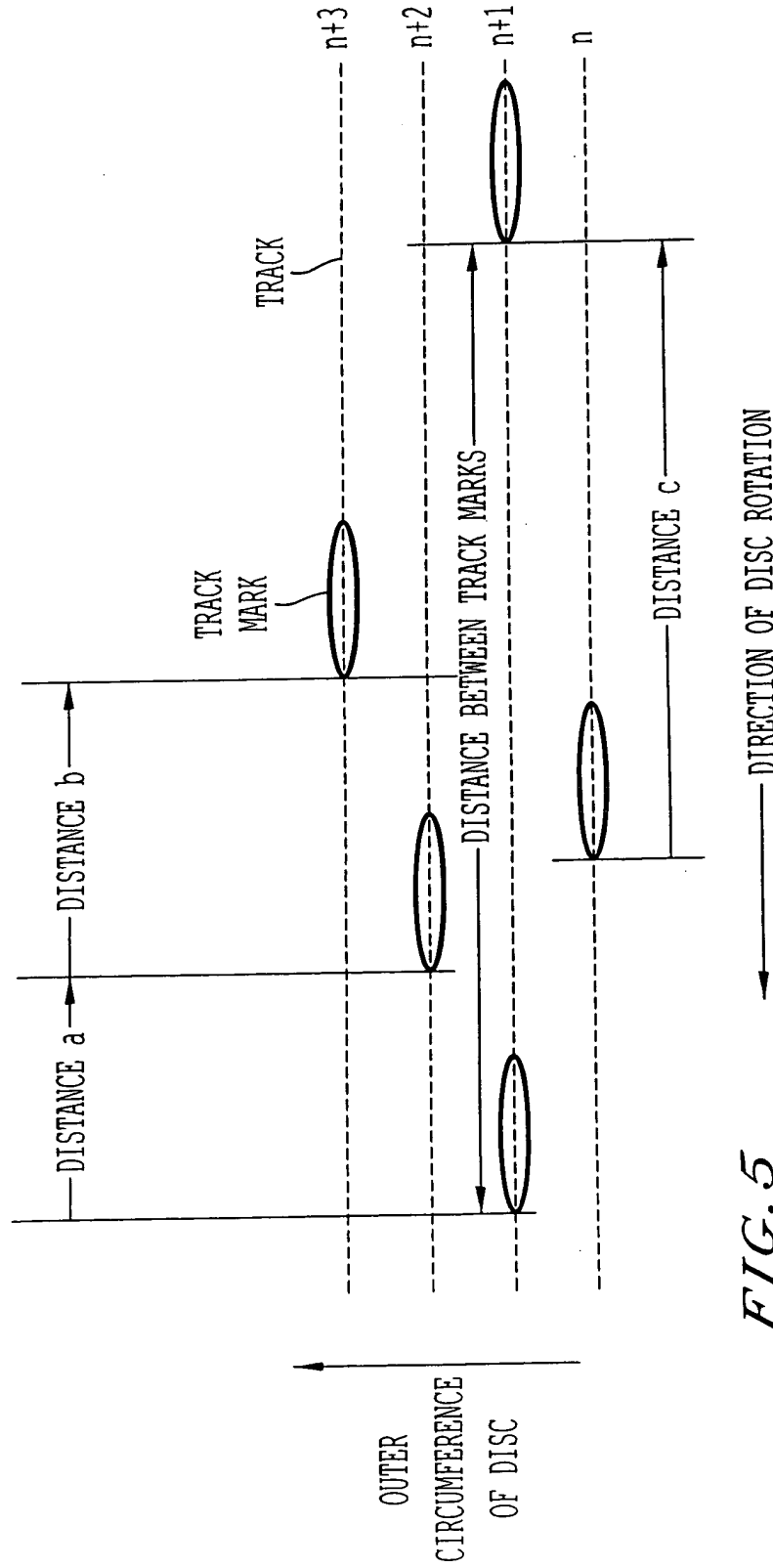


Fig. 4

BACKGROUND ART





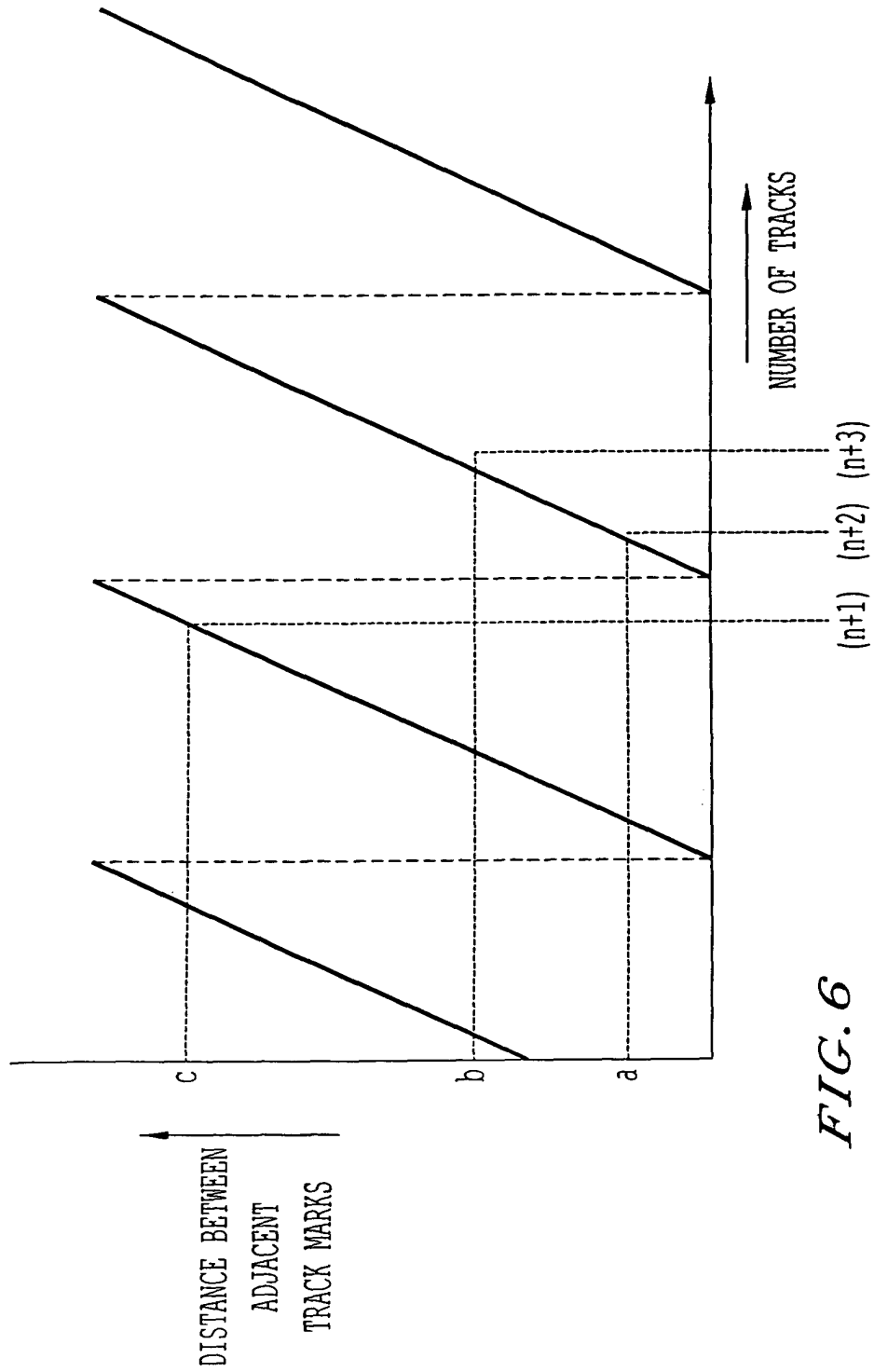


FIG. 6

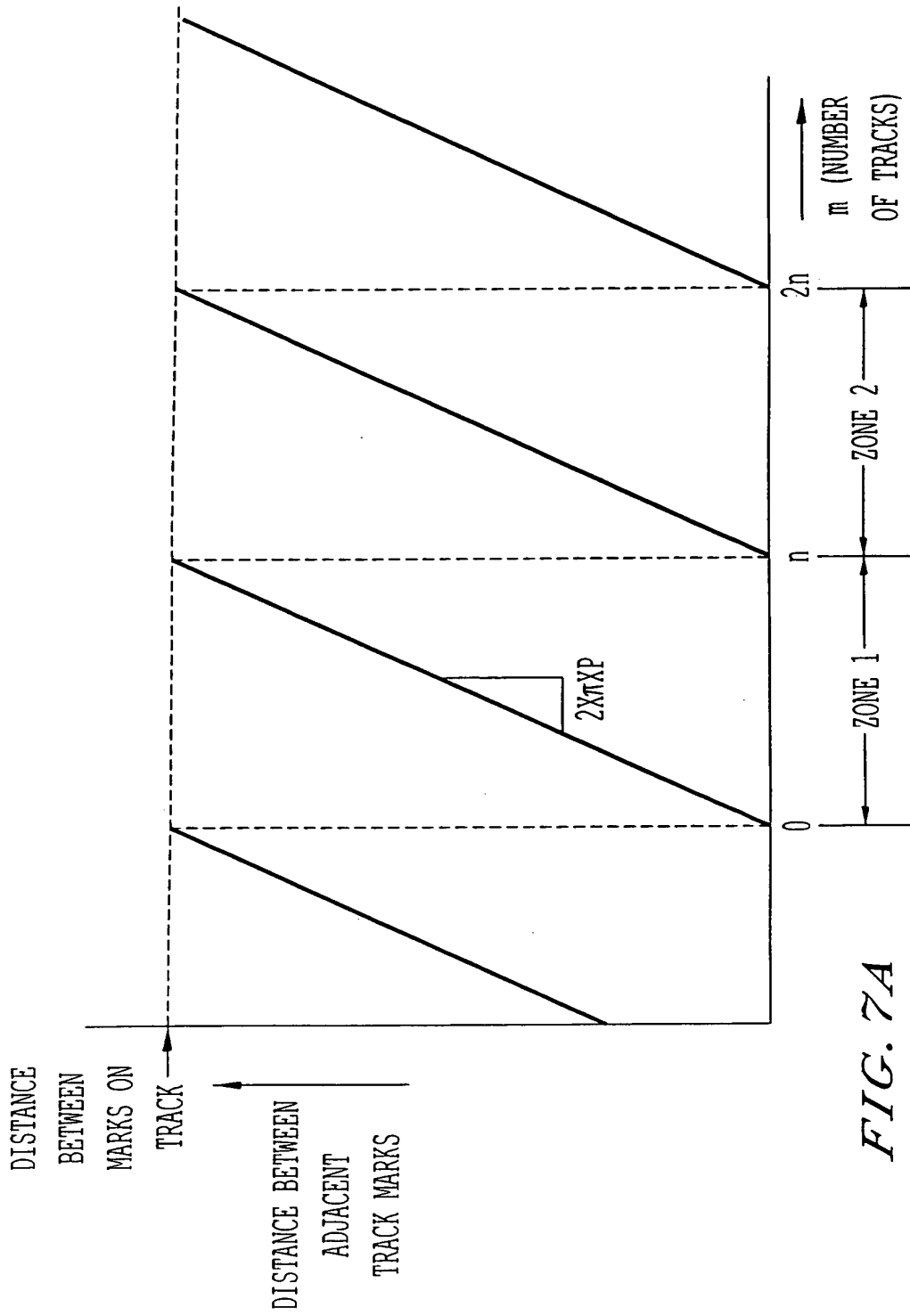


FIG. 7A

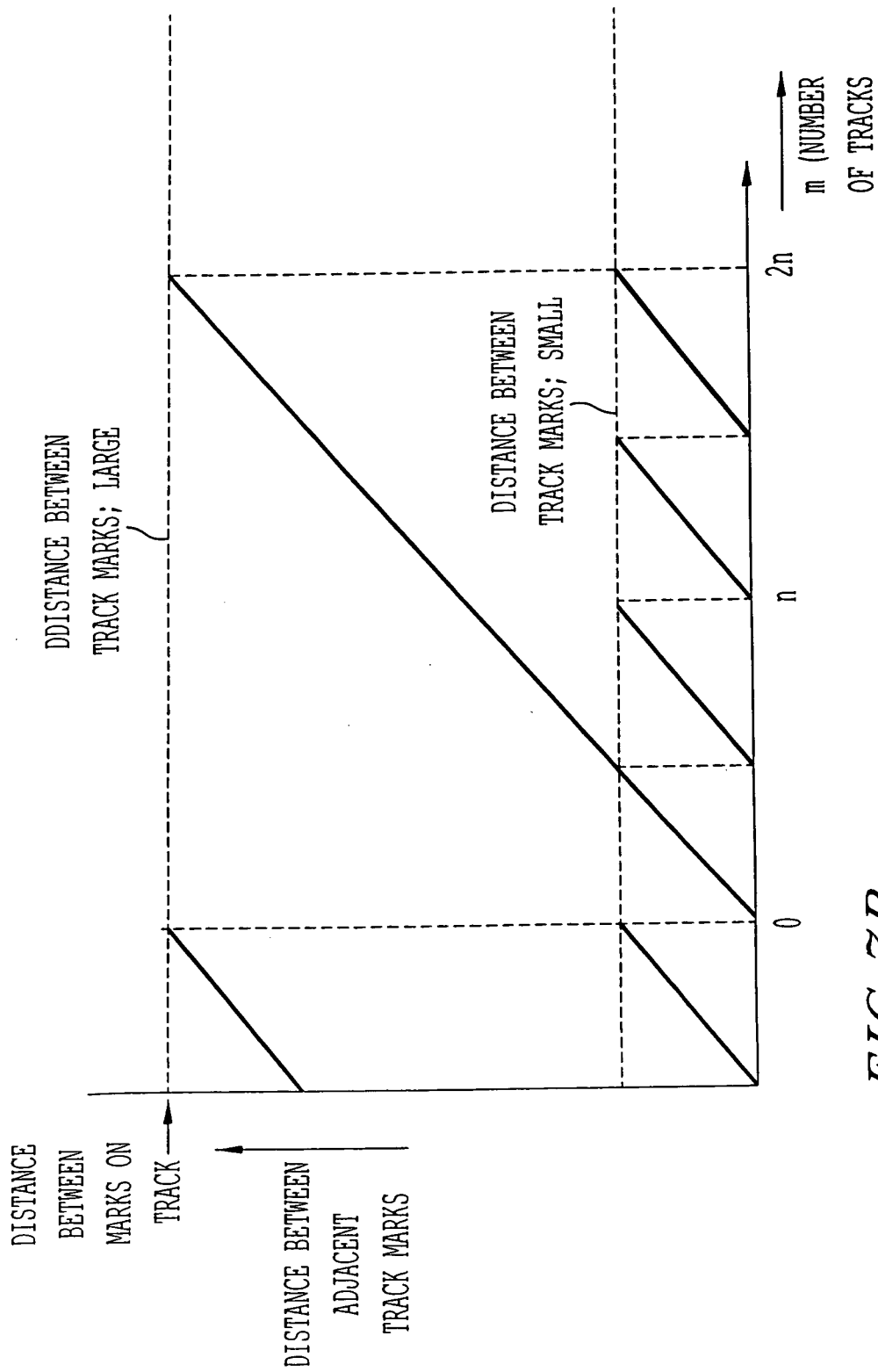
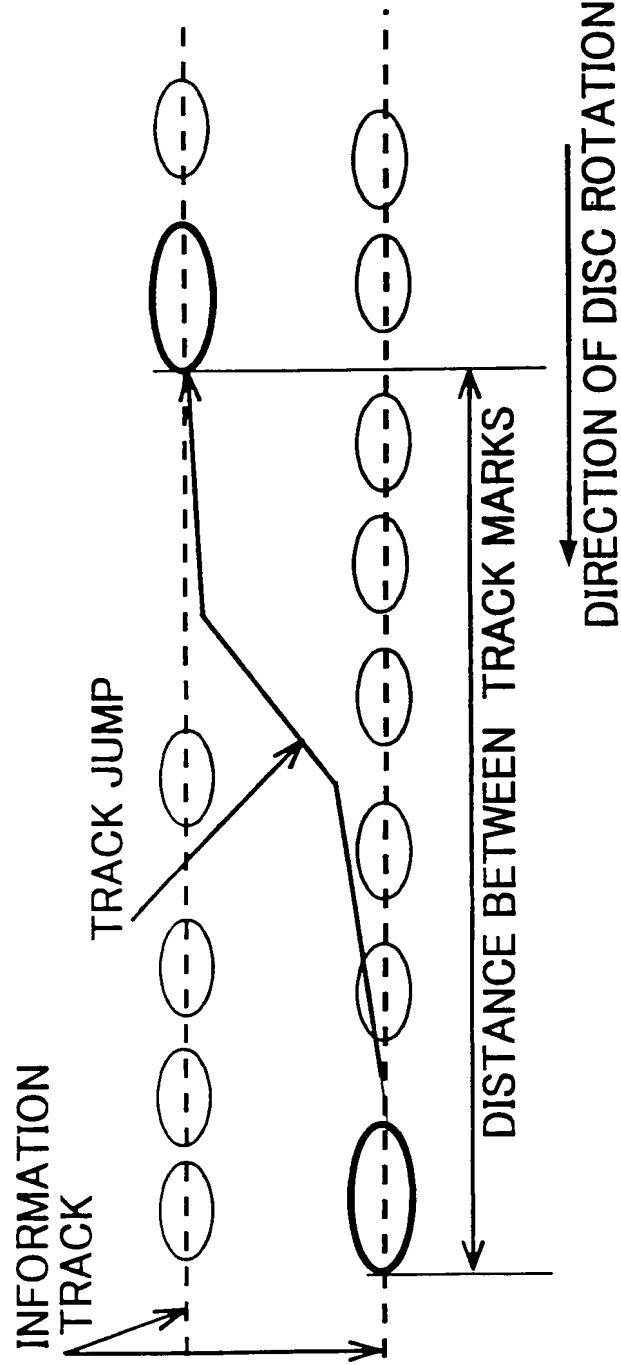
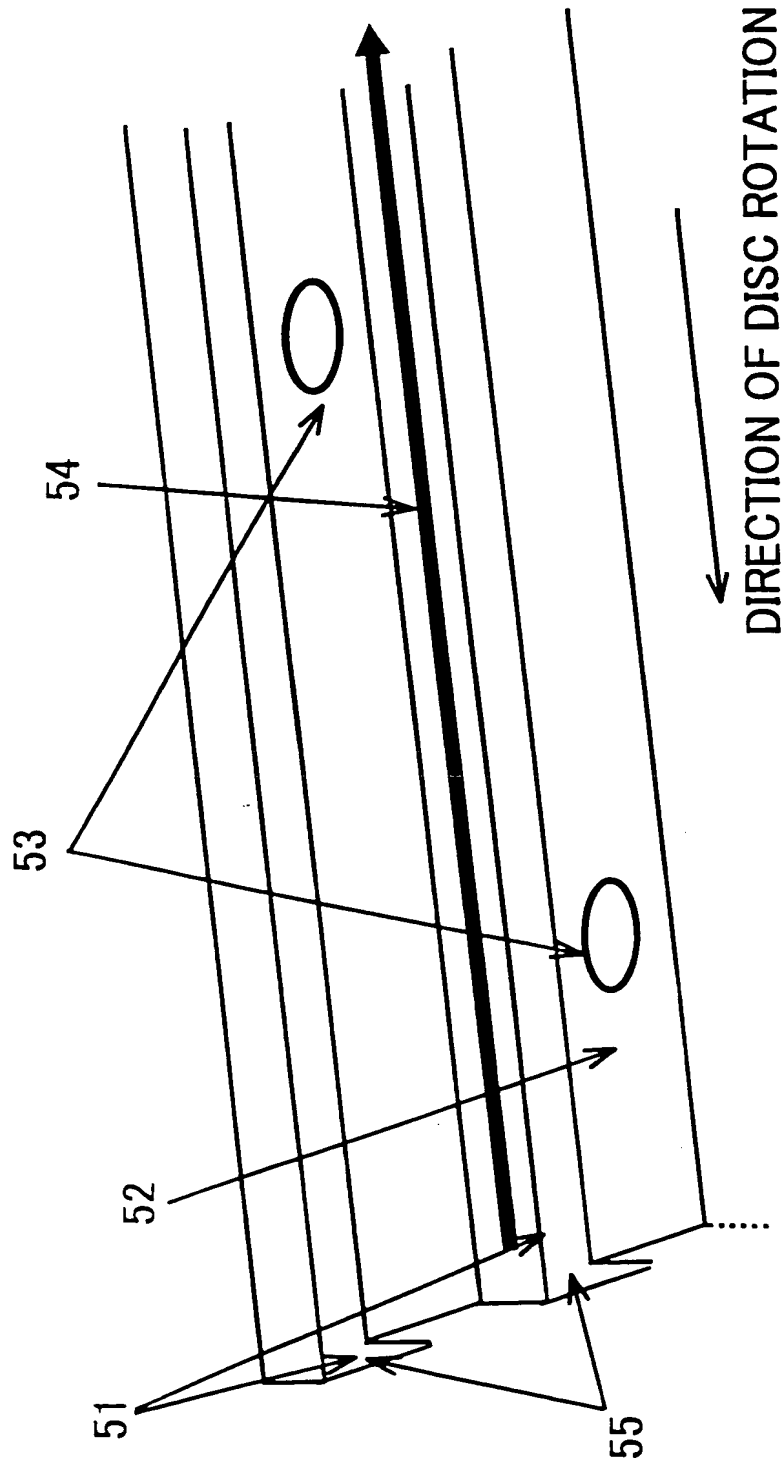


FIG. 7B

Fig. 8





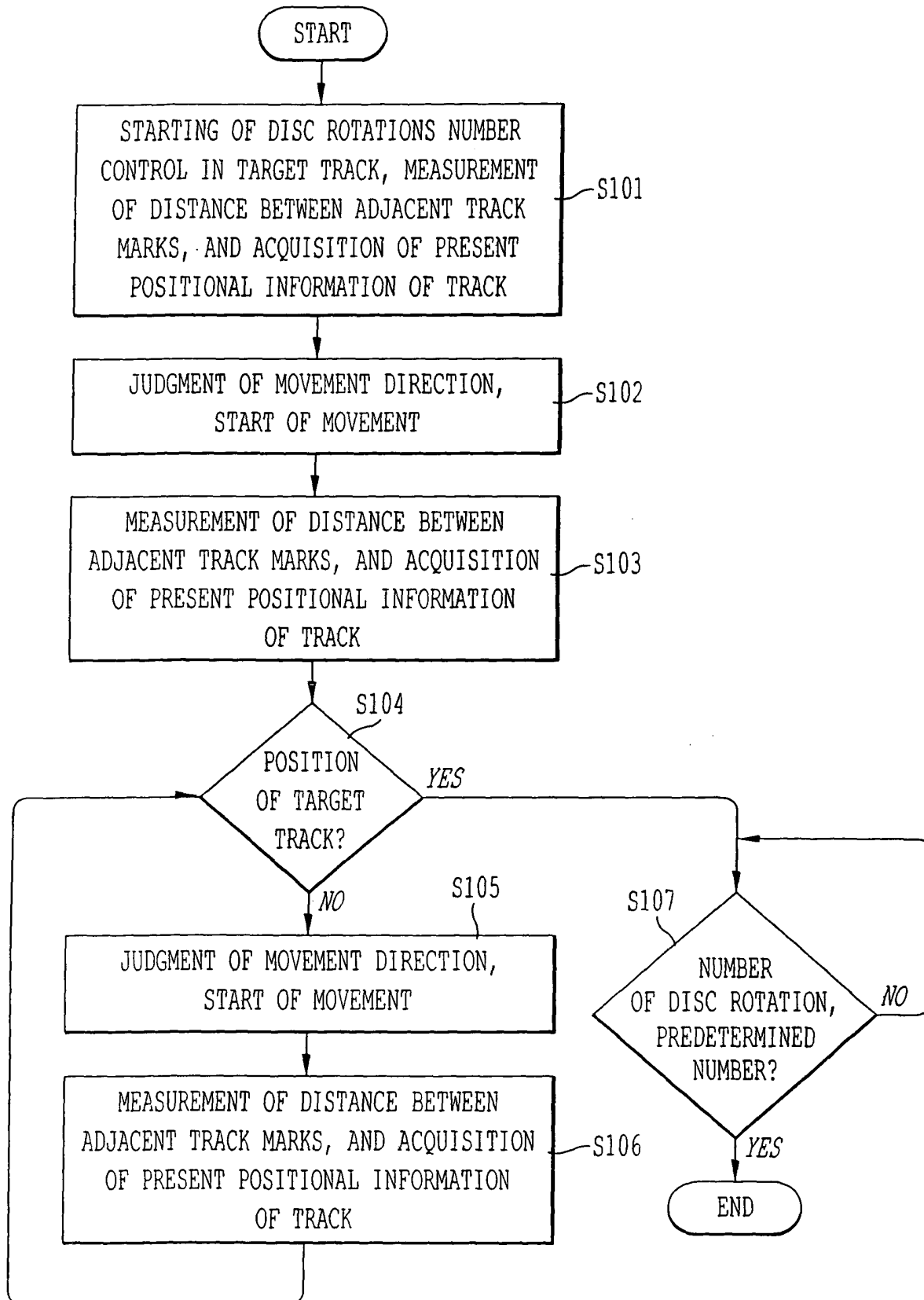


FIG. 10

Fig. 11 A

BACKGROUND ART

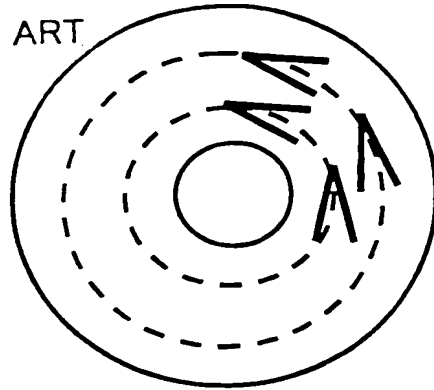
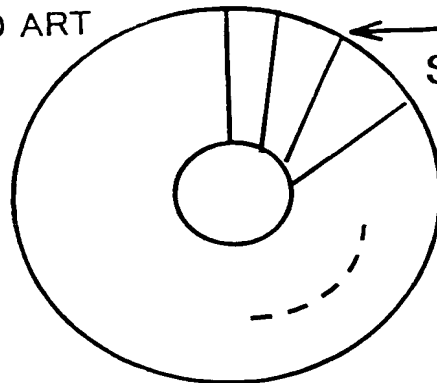


Fig. 11 B

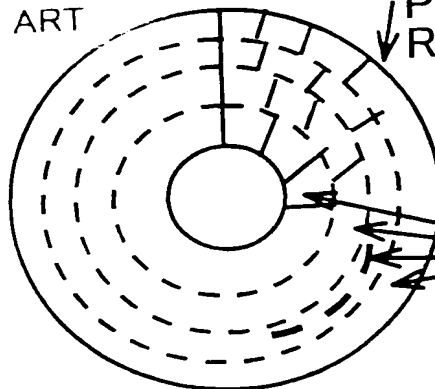
BACKGROUND ART



SECTOR; ARRANGED
ON RADIUS LINE

Fig. 11 C

BACKGROUND ART



SECTOR; ARRANGED
PER EACH OF
RESPECTIVE ZONES

ZONES

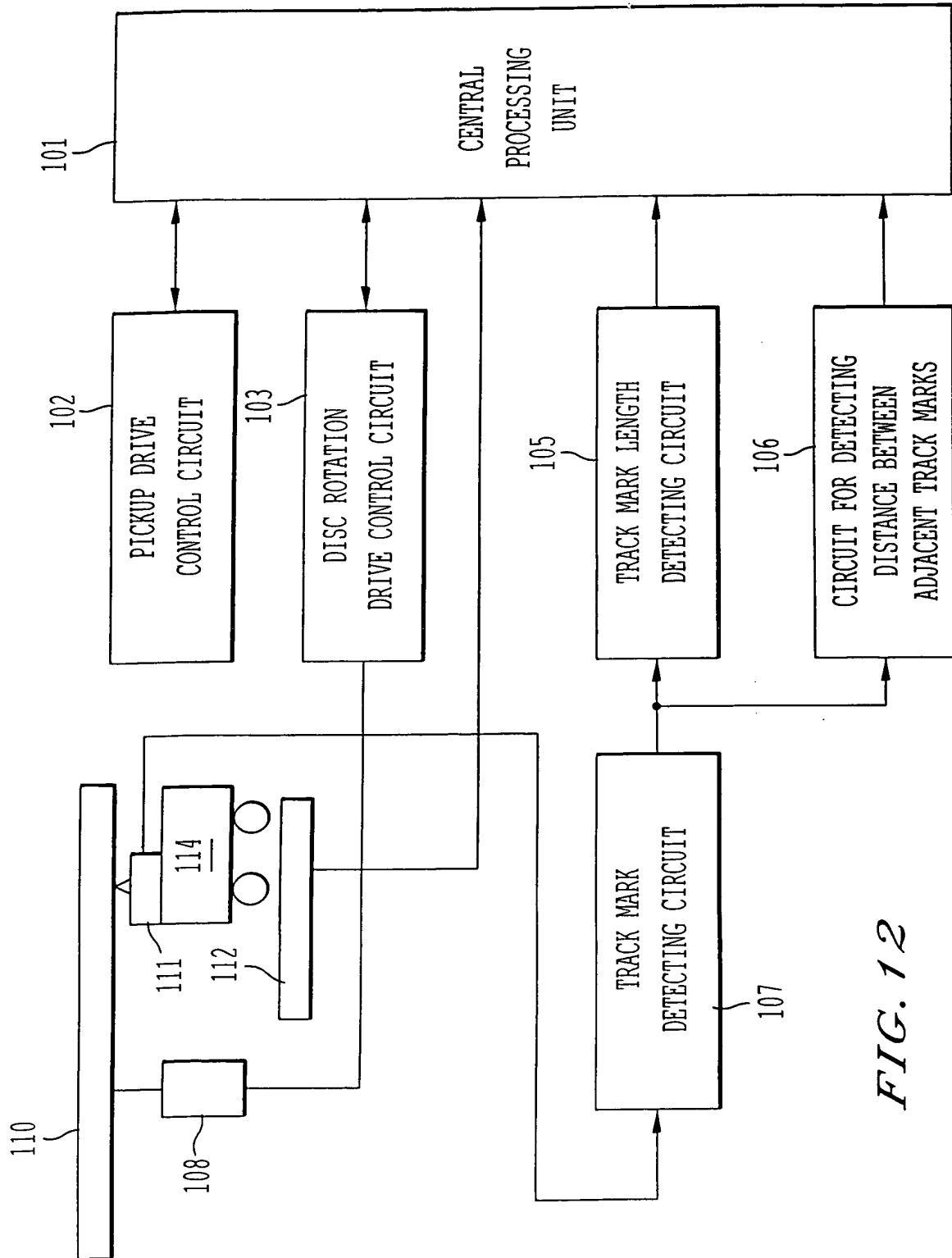


FIG. 12

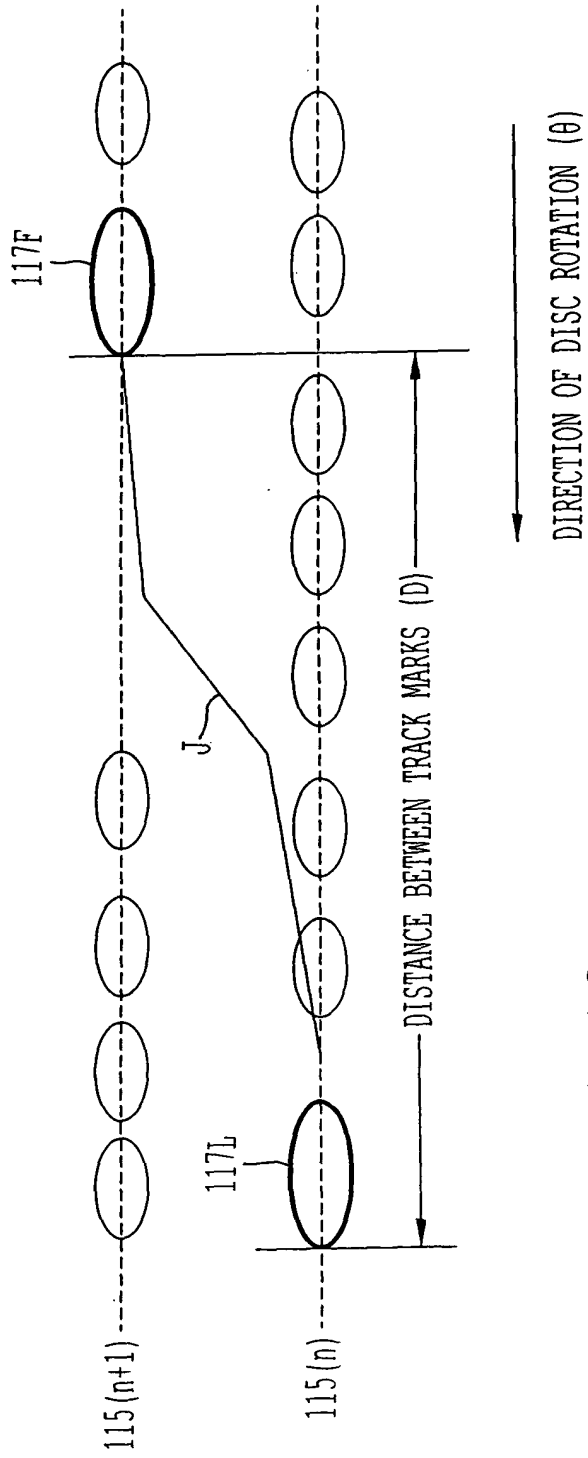
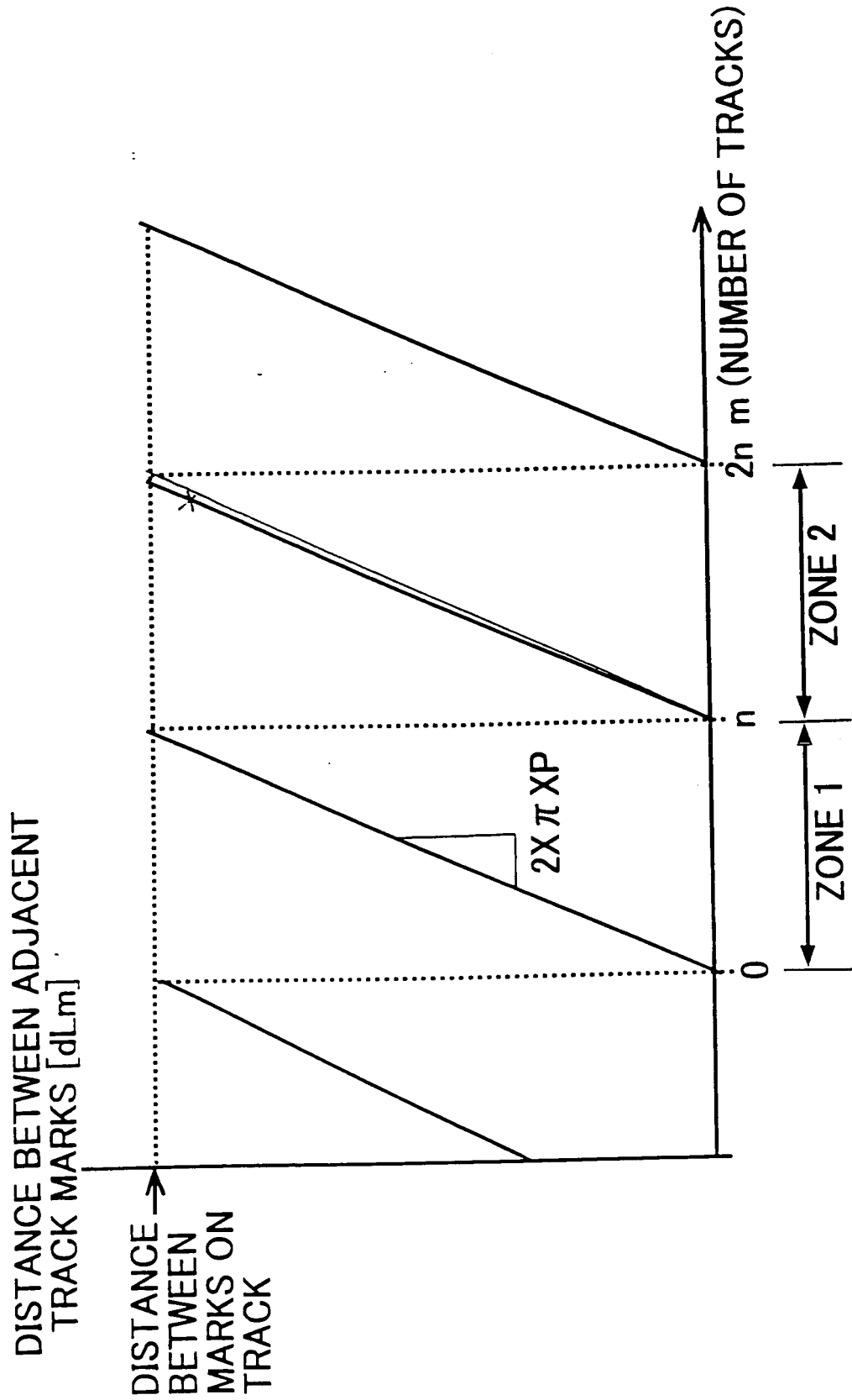


FIG. 13

Fig. 14



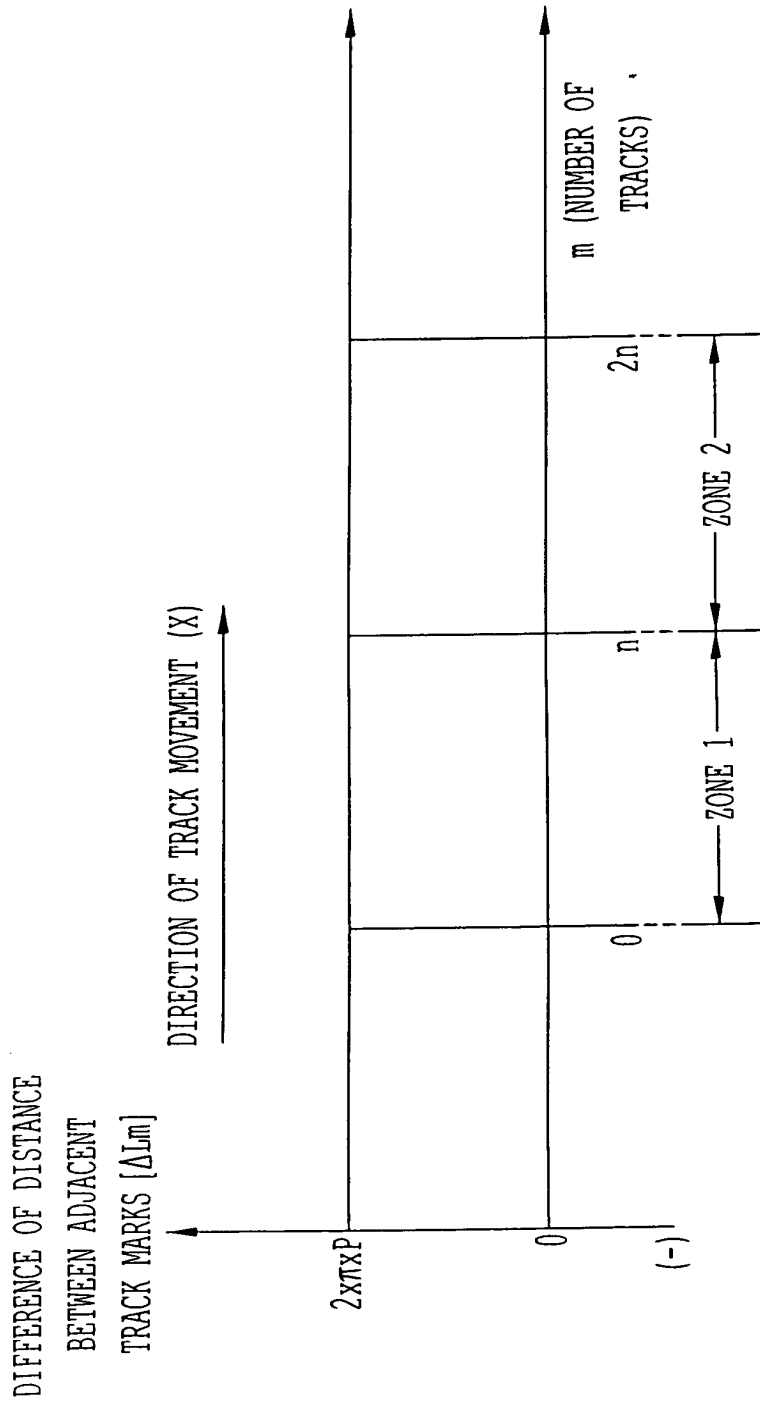


FIG. 15

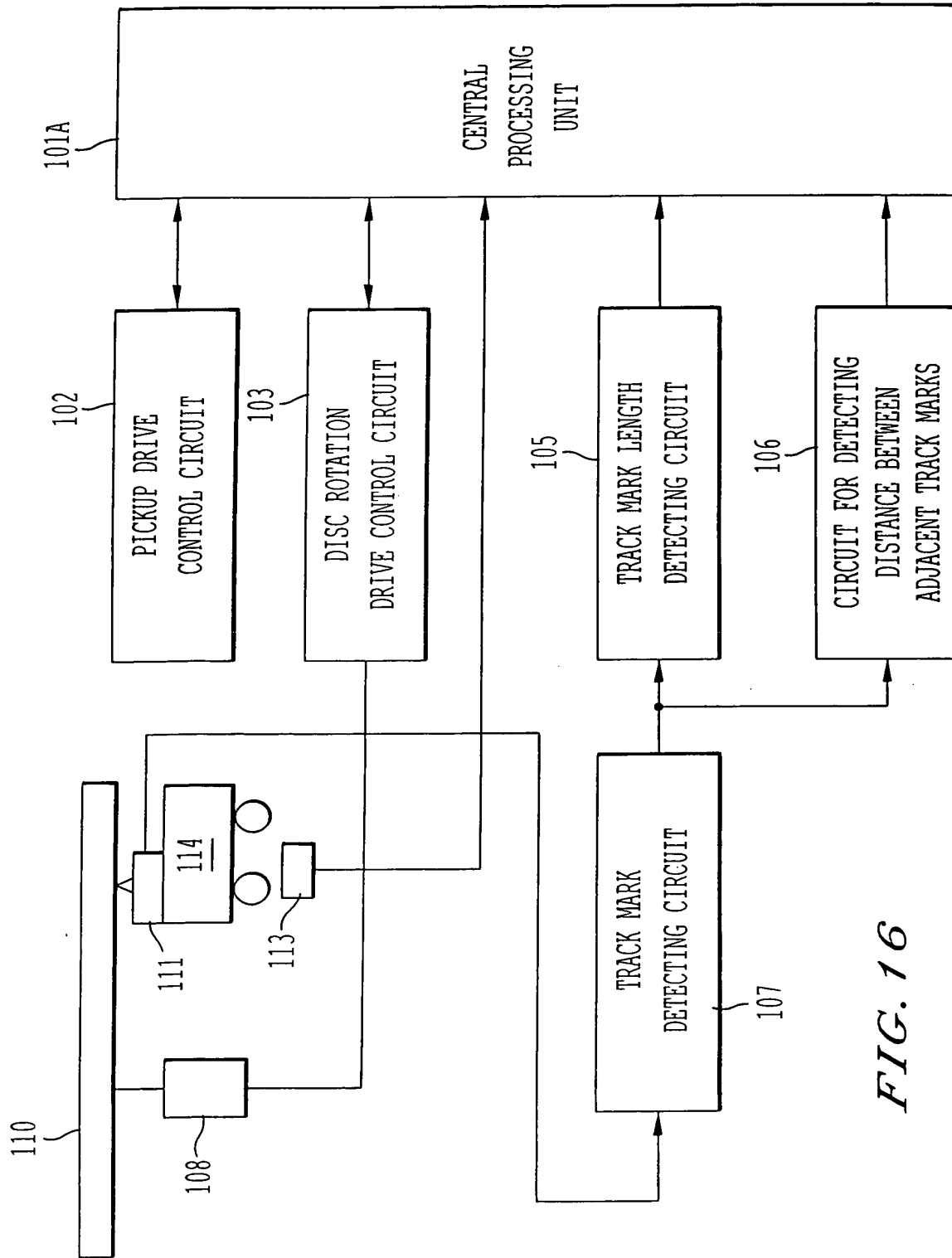


FIG. 16

FIG. 17

Fig. 18

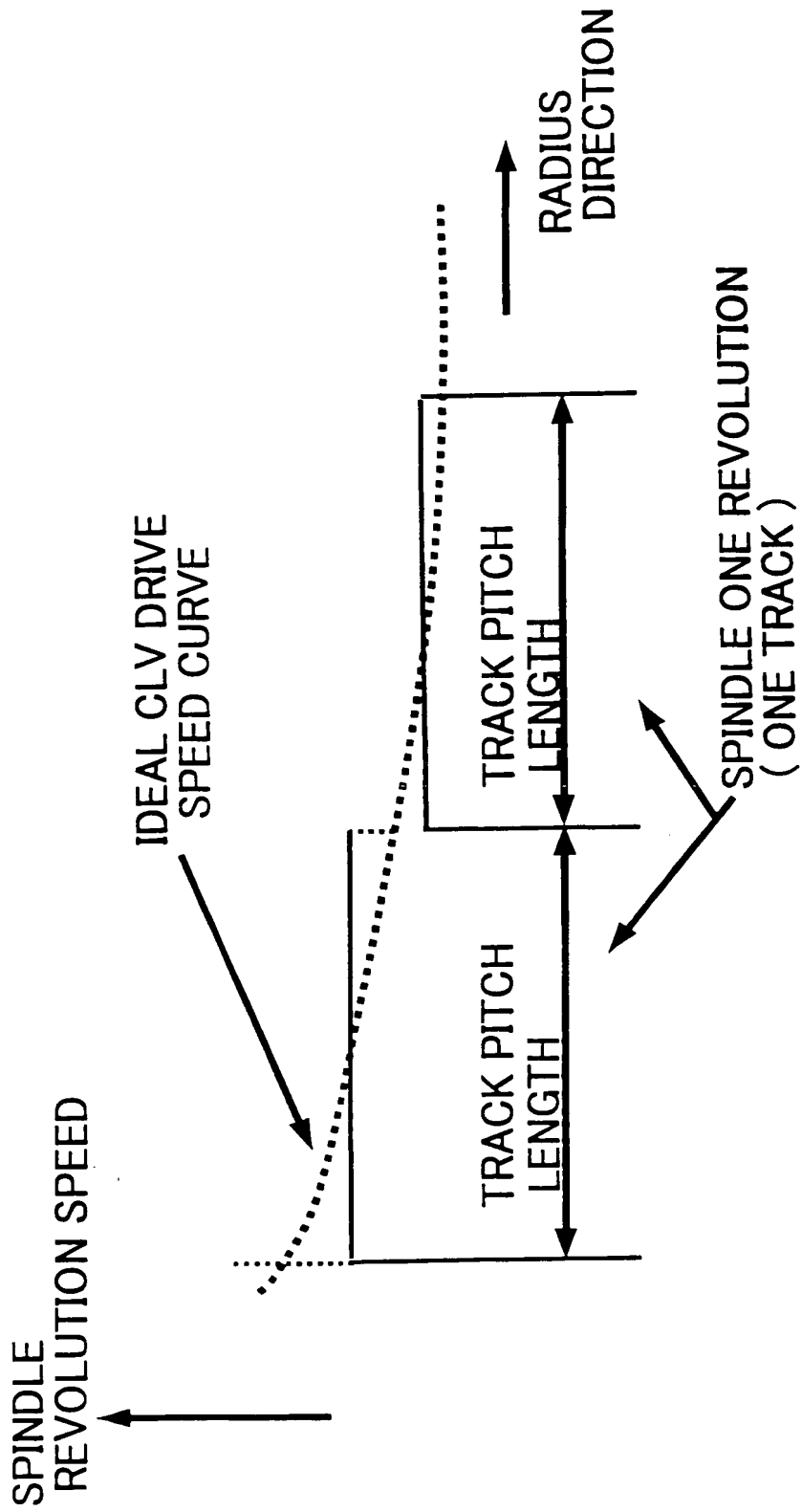
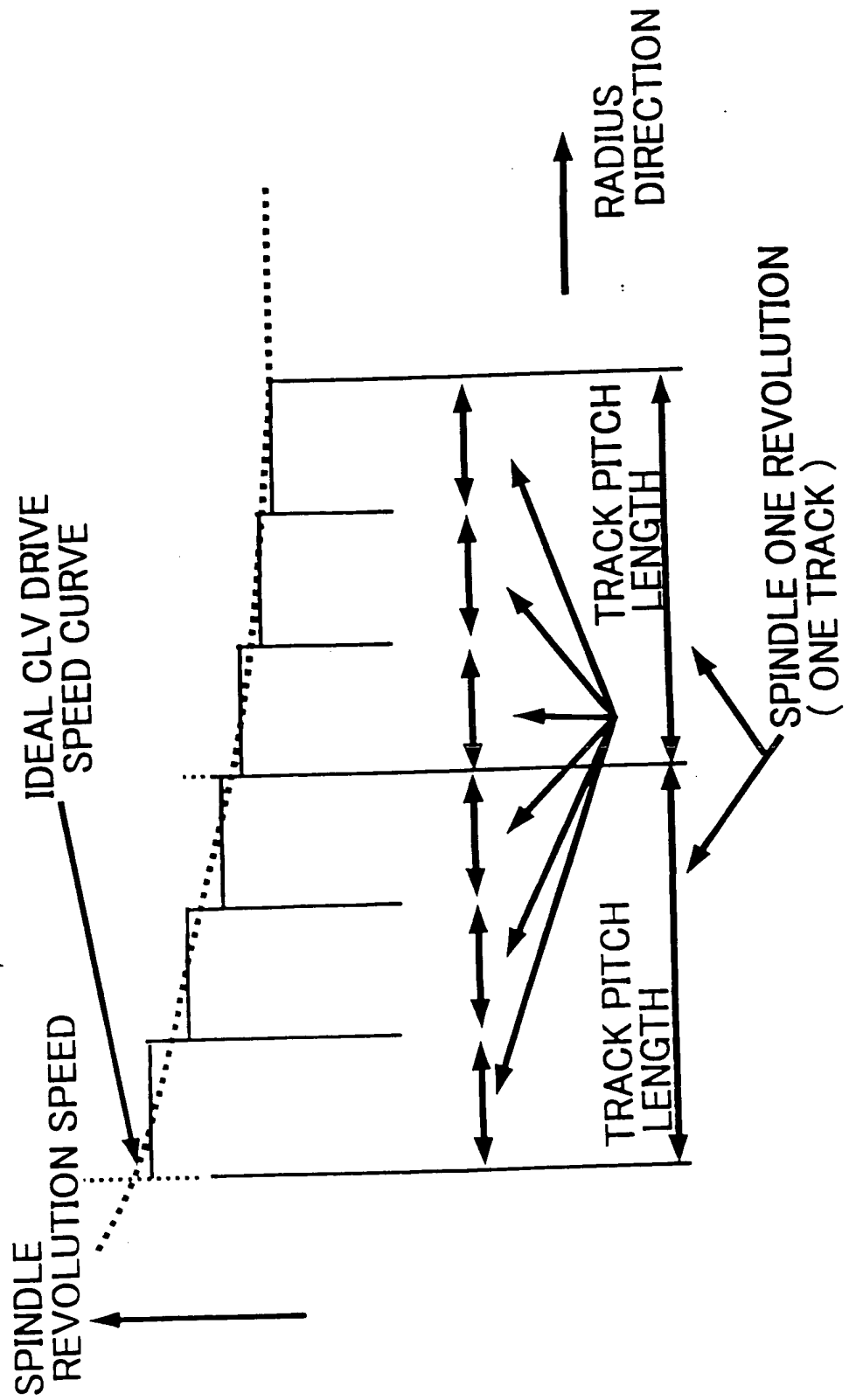


Fig. 19



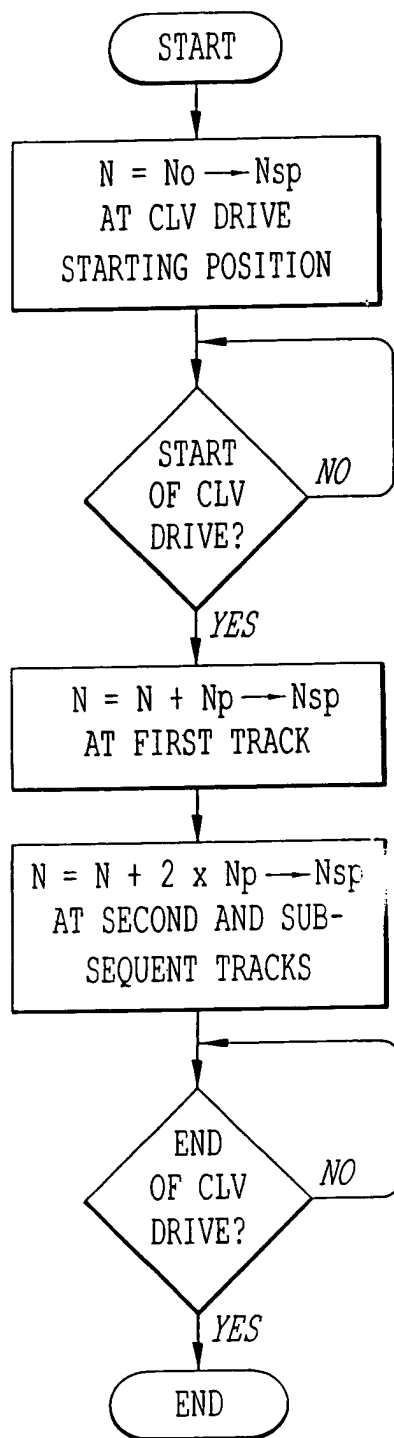


FIG. 20

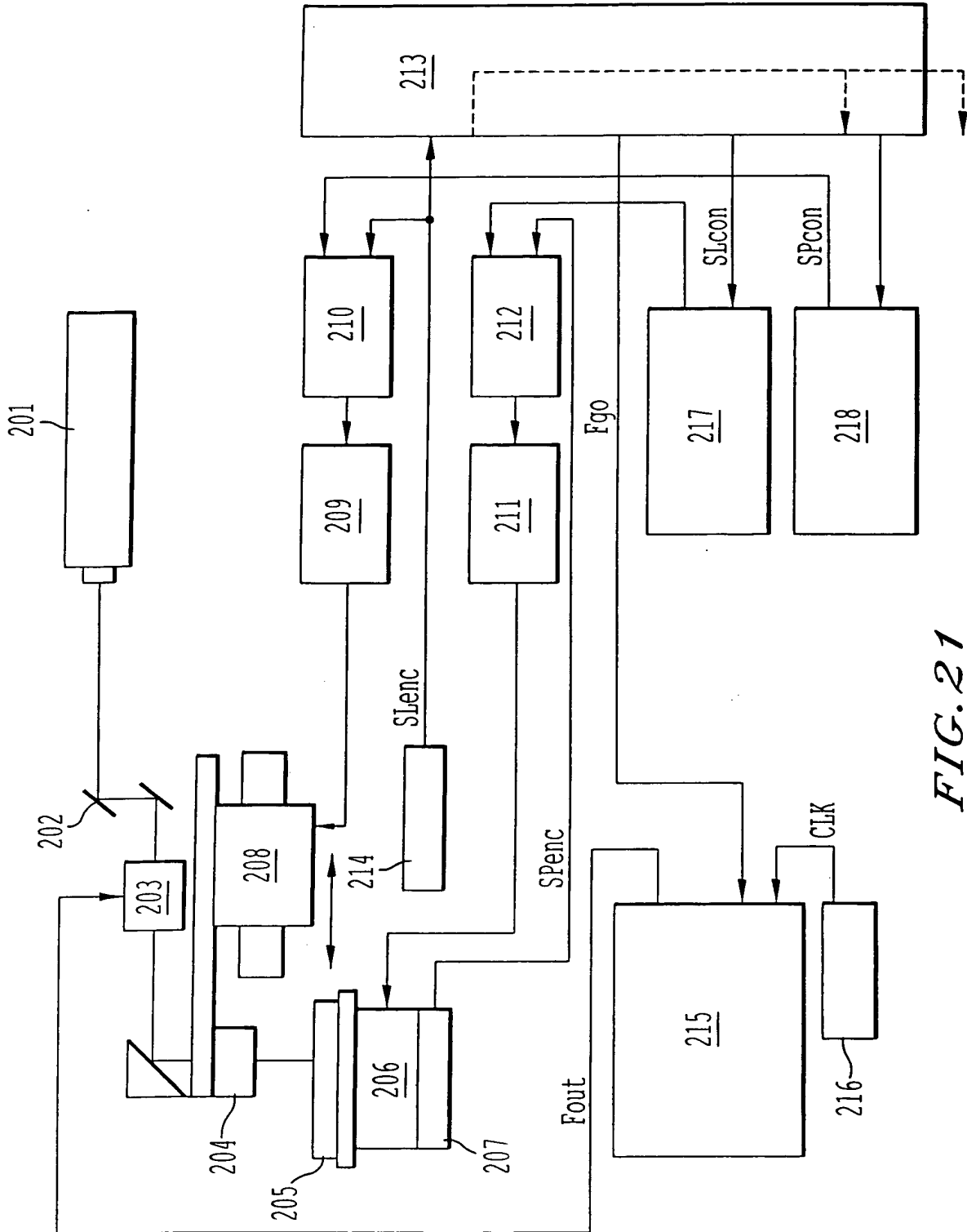
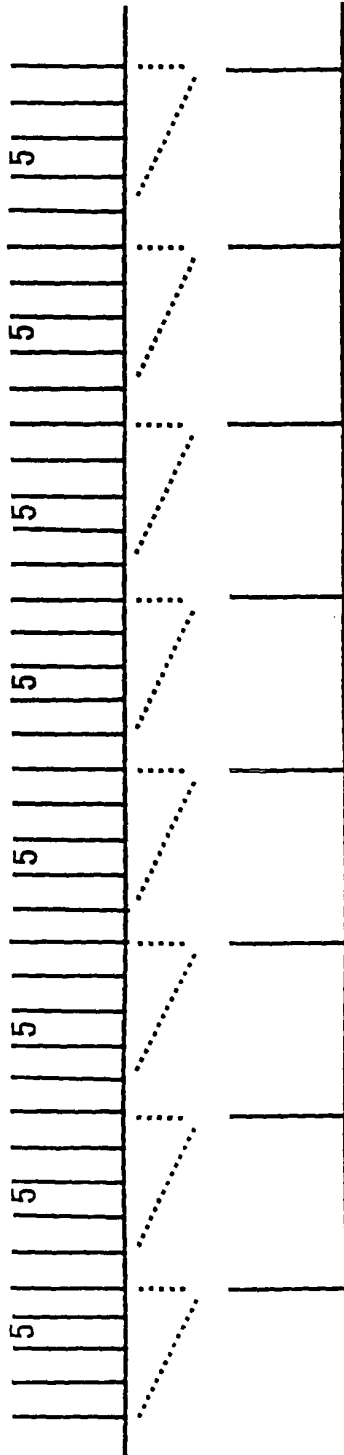


FIG. 21
BACKGROUND ART

Fig. 22

BACKGROUND ART



FREQUENCY DEMULTIPLYING METHOD OF MIXING INTERCALARY PULSES

TABLE 1

TRACK No.	L_{cb} NUMBER PER ONE TRACK (INTEGER PART)	REMAINING DIFFERENCE OF TRACK (DECIMAL FRACTION PART)
m	N_{tm}	
m+1	$N_{tm} + N_{pa}$	$+ \alpha$
m+2	$N_{tm} + 2 \times N_{pa}$	$+ 2 \times \alpha$
m+3	$N_{tm} + 3 \times N_{pa} + 1$	$+ 0.3 \times \alpha$
m+4	$N_{tm} + 4 \times N_{pa}$	$+ 1.3 \times \alpha$
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FIG. 23

TABLE 2

TRACK No.	L_{cb} NUMBER PER ONE TRACK (INTEGER PART)	REMAINING DIFFERENCE OF TRACK (DECIMAL FRACTION PART)
s	N_{sg}	
s+1	$N_{sg} + N_{pb}$	$+ \beta$
s+2	$N_{sg} + 2 N_{pb}$	$+ 2 \times \beta$
s+3	$N_{sg} + 3 N_{pb} + 1$	$+ 0.3 \times \beta$
s+4	$N_{sg} + 4 N_{pb}$	$+ 1.3 \times \beta$
---	---	---

FIG. 24

TABLE 3

STATE OF CLV DRIVE	EXPOSURE RADIUS POSITION	SPINDLE DRIVE ORDERING PULSE	SLIDER DRIVE ORDERING PULSE
STOP	R_0	$N_0 \rightarrow N_{sp}$	$N_0 \rightarrow ns1$
CLV DRIVE (TRACK 1)	$\sim R_0 + P$	$N_0 + N_p \rightarrow N_{sp}$	$N_0 + N_p \rightarrow ns1$
CLV DRIVE (TRACK 2)	$\sim R_0 + 2P$	$N_0 + 3N_p \rightarrow N_{sp}$	$N_0 + 3N_p \rightarrow ns1$
CLV DRIVE (TRACK 3)	$\sim R_0 + 3P$	$N_0 + 5N_p \rightarrow N_{sp}$	$N_0 + 5N_p \rightarrow ns1$
---	---	--- \rightarrow ---	--- \rightarrow ---

FIG. 25